

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 11231818
PUBLICATION DATE : 27-08-99

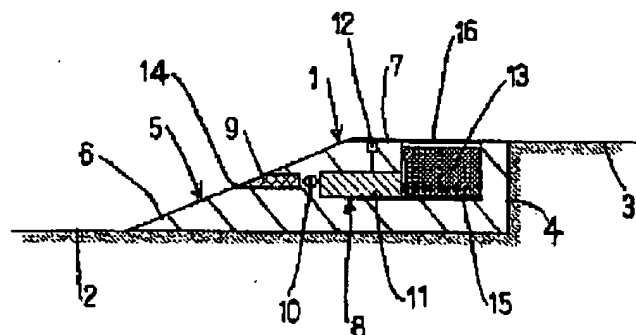
APPLICATION DATE : 13-02-98
APPLICATION NUMBER : 10031338

APPLICANT : SHIMANE SANYO KOGYO KK;

INVENTOR : OKUDA NORIYOSHI;

INT.CL. : G09F 19/22 E04F 15/00 G09F 13/20

TITLE : STEP DIFFERENCE LIGHTING
SYSTEM



ABSTRACT : PROBLEM TO BE SOLVED: To provide a step difference lighting system obtaining sufficient illuminance without taking time for electric work and the like and preventing a walker from stumbling by providing a lighting means built in an inclined base to illuminate the vicinity of the inclined base.

SOLUTION: A step difference face 4 is formed between a lower step face 2 and an upper step face 3. An inclined base 5 is disposed on the lower step face 2 so as to be almost flush with the upper step face 3. A lighting means 8 is built in the inclined base 5 so as to illuminate the vicinity of the inclined base 5. When it gets dark in surroundings and an illuminance sensor 12 detects illuminance of the specified value or less, the illuminance sensor 12 outputs a Hi signal to a microcomputer on a circuit board 11. The microcomputer controls to supply voltage of a battery 13 intermittently to the light emission diode 10, and the light emission diode 10 blinks. Light emitted from the light emission diode 10 comes in from one face of a light guide 9 and is emitted to the outside through an exposed face of the light guide 9. A walker can walk carefully under visibility of emitted blinking light.

COPYRIGHT: (C)1999,JPO